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(54) Title: METHOD OF PREPARING AMINE STEREOISOMERS

(57) **Abstract:** This invention provides a method of preparing amine stereoisomers, which comprises stereoselectively reducing a sulfnylimine that bears on the sulfmyl group a residue of an alcohol, thiol or amine, or reacting a sulfmylimine stereoisomer that bears on the sulfnyl group a residue of an alcohol, thiol or amine with a source of a nucleophile, to afford a sulfmylamine stereoisomer, followed by contacting the sulfmylamine stereoisomer with a reagent suitable for the cleavage of a sulfur-nitrogen bond, to afford an amine stereoisomer. It also provides novel intermediates useful in the method, and the use of certain of the intermediates in the preparation of sulfoxide and sulfmylamine stereoisomers.

WO 2003/091207 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/08827

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07D 291/04

US CL : 548/122

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 548/122

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST; CAS ONLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,562,185 A (JAGER et al) 31 December 1985 (31.12.1985), entire document.	1-45
A	US 5,271,812 A (GAO et al) 21 December, 1993 (21.12.1993), entire document.	1-45

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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